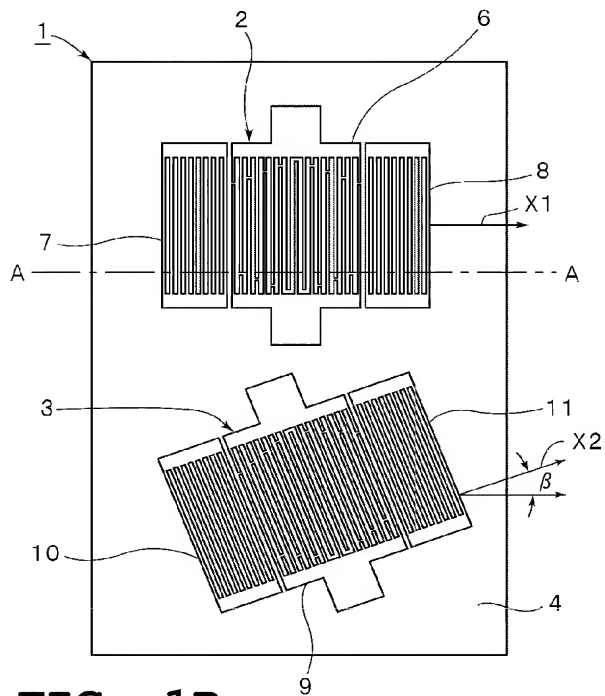
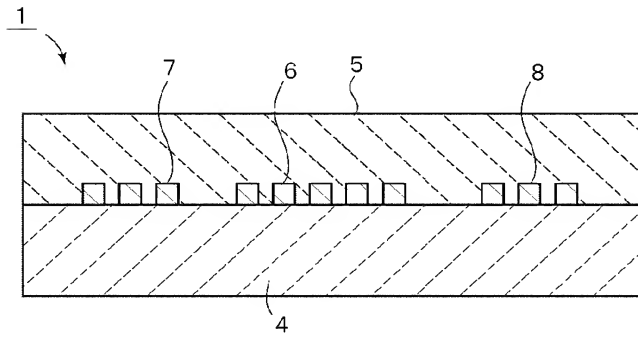


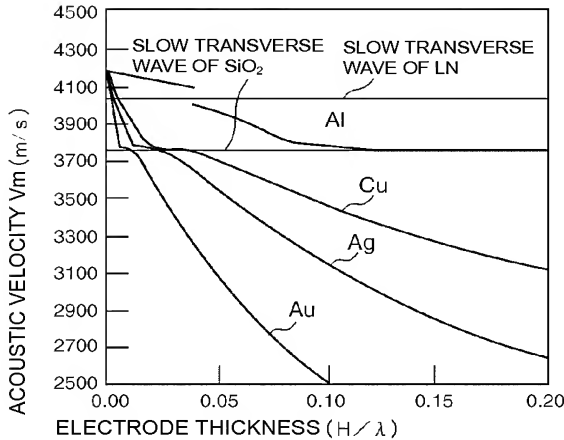
**FIG. 1A**



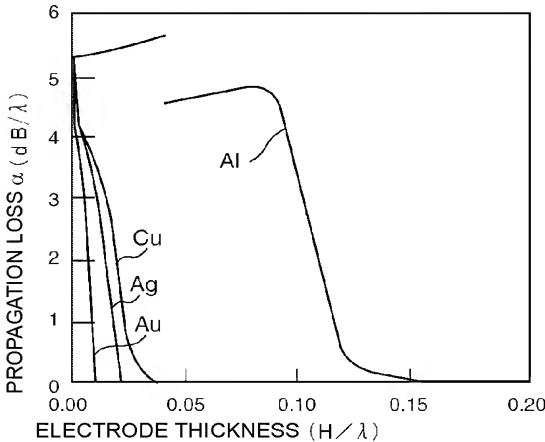
**FIG. 1B**



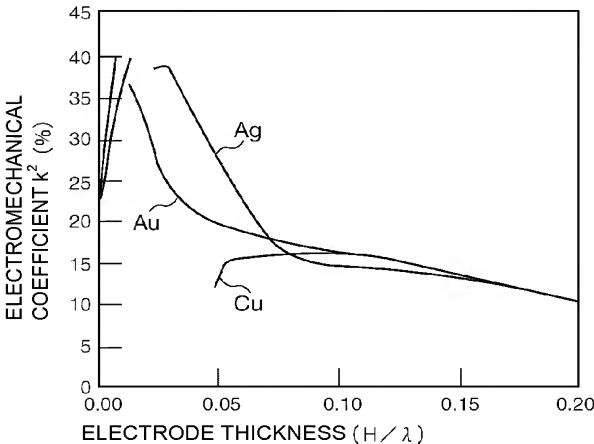
**FIG. 2**



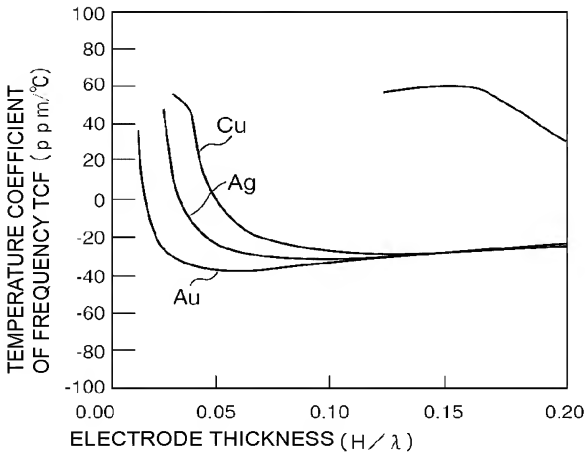
**FIG. 3**



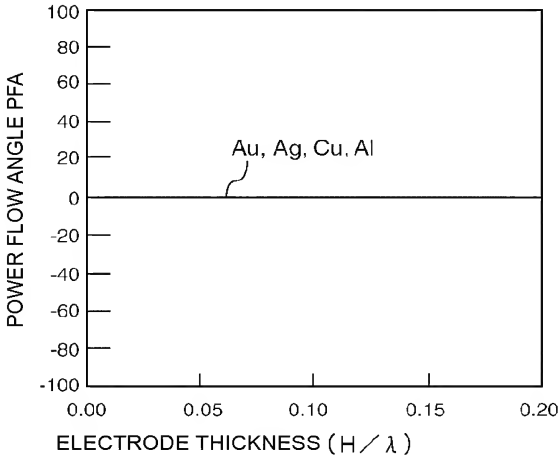
**FIG. 4**



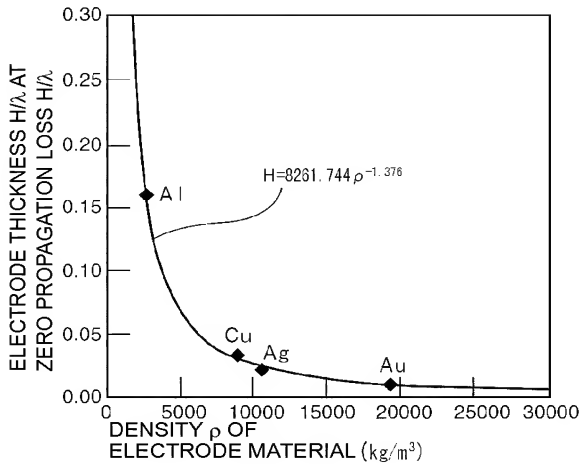
**FIG. 5**



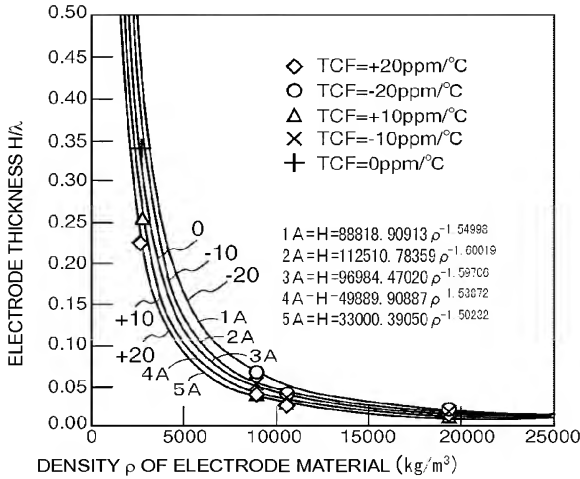
**FIG. 6**



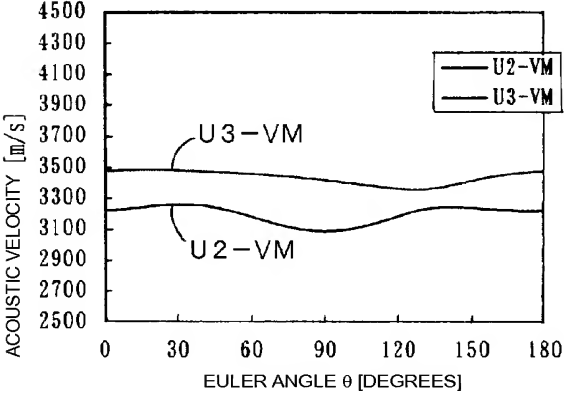
**FIG. 7**



**FIG. 8**



**FIG. 9**



**FIG. 10**

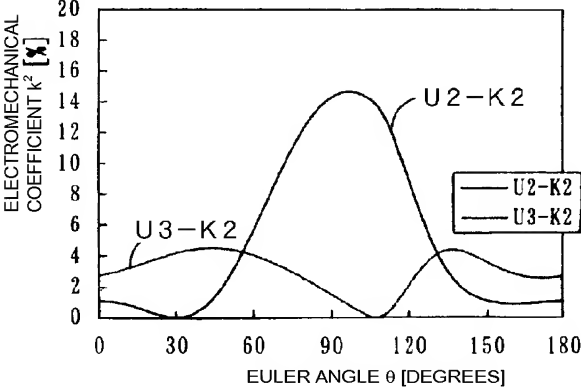


FIG. 11

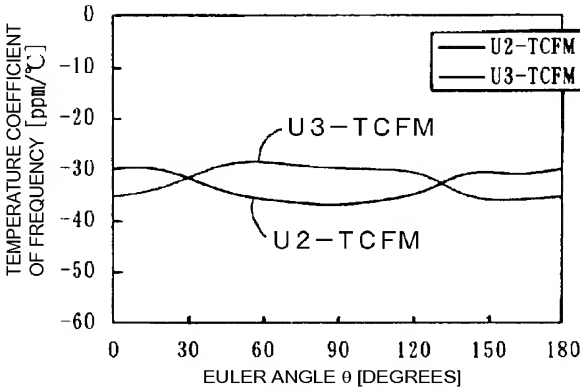
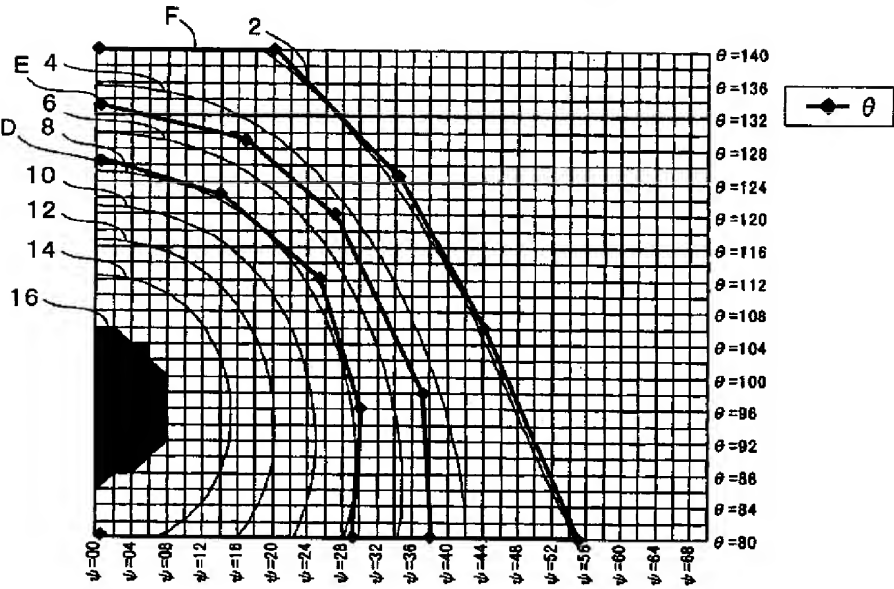
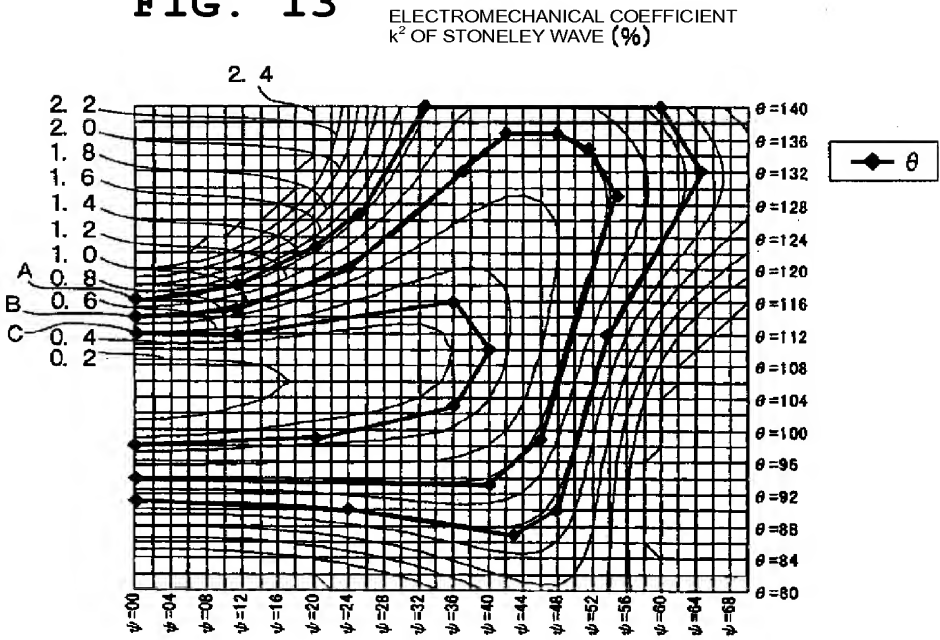


FIG. 12

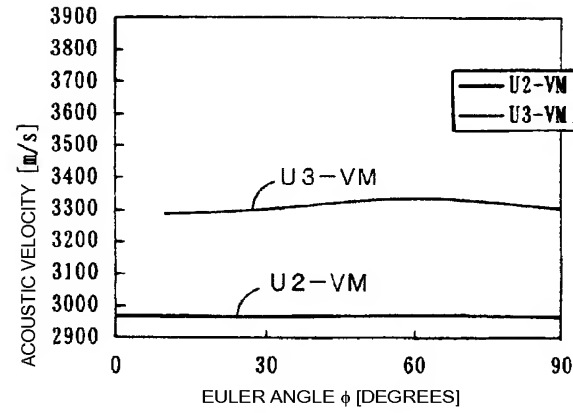
ELECTROMECHANICAL COEFFICIENT  $k^2$  OF SH TYPE BOUNDARY ACOUSTIC WAVE (%)



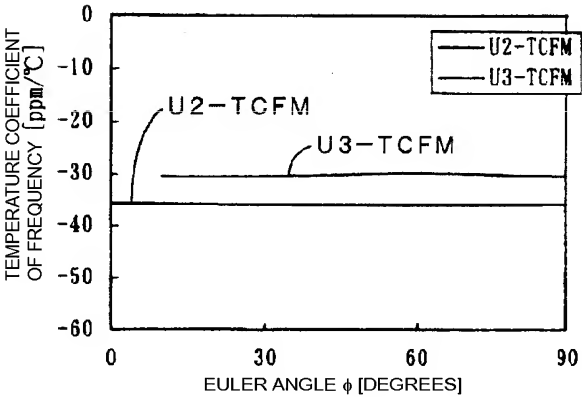
**FIG. 13**



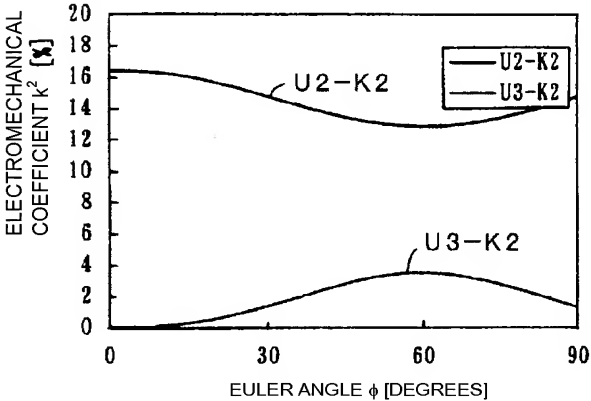
**FIG. 14**



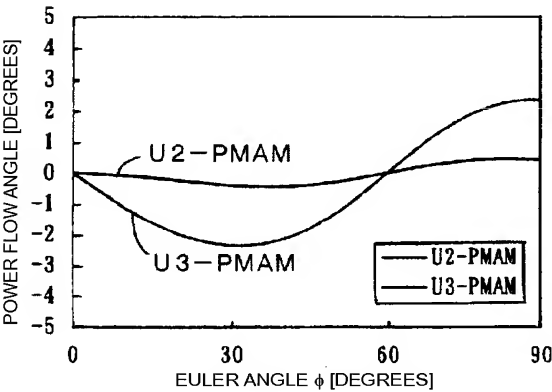
**FIG. 15**



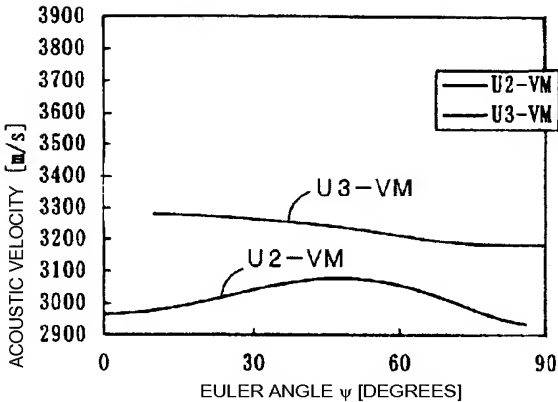
**FIG. 16**



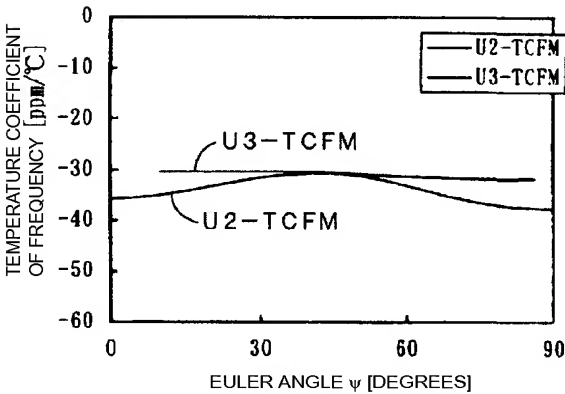
**FIG. 17**



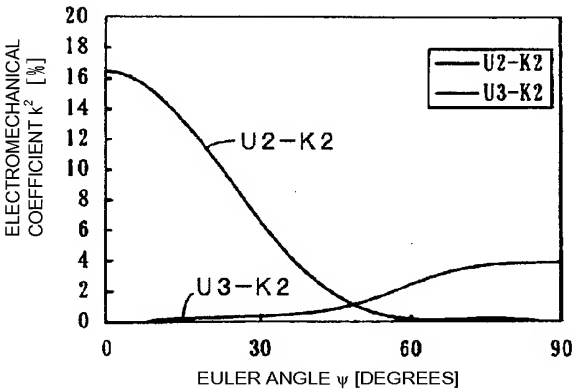
**FIG. 18**



**FIG. 19**

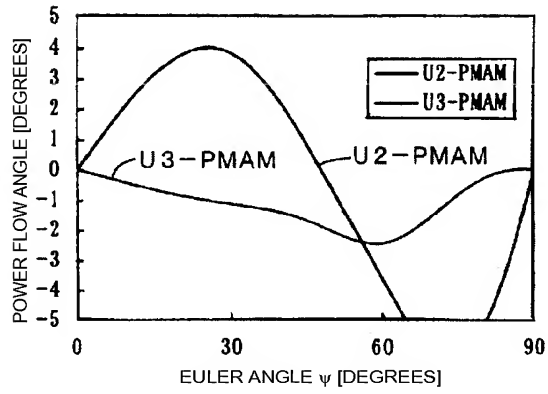


**FIG. 20**





**FIG. 21**



**FIG. 22**

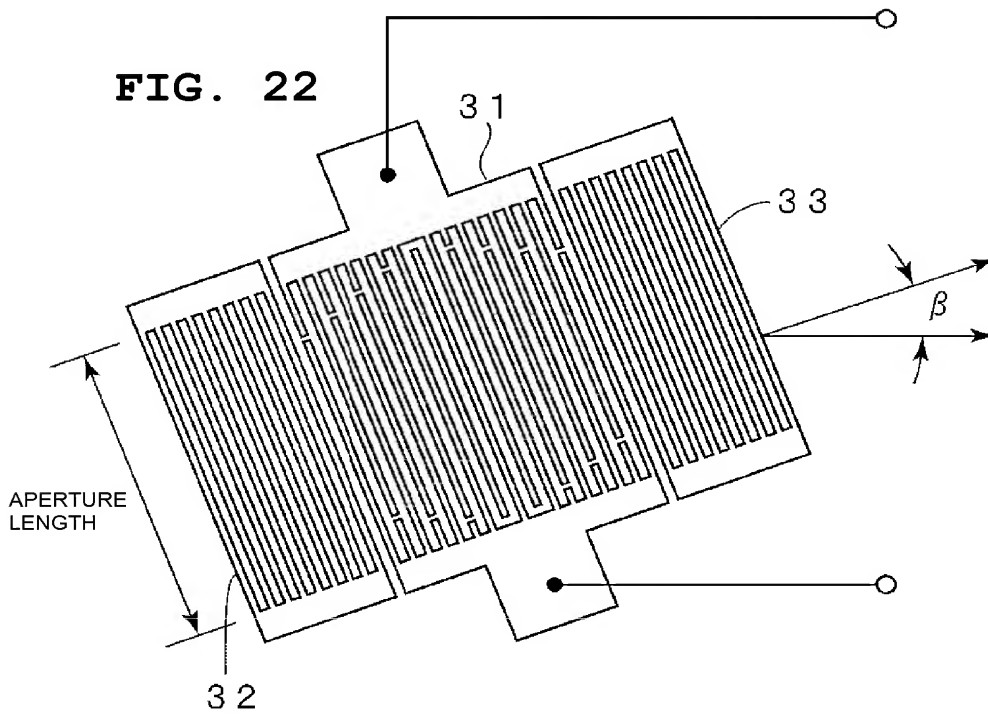


FIG. 23A

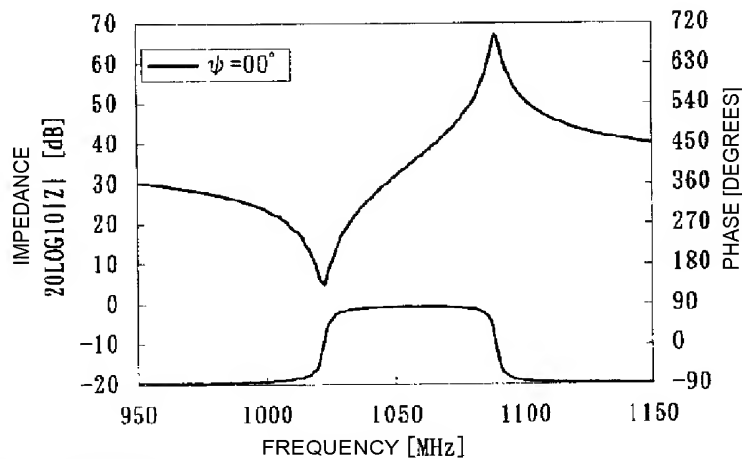


FIG. 23B

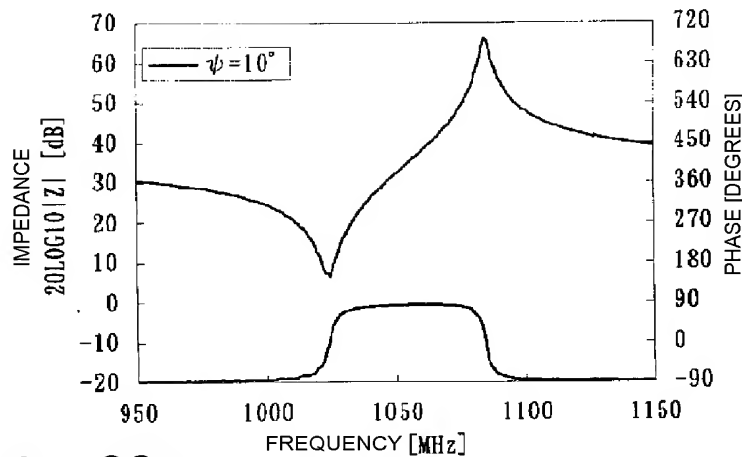
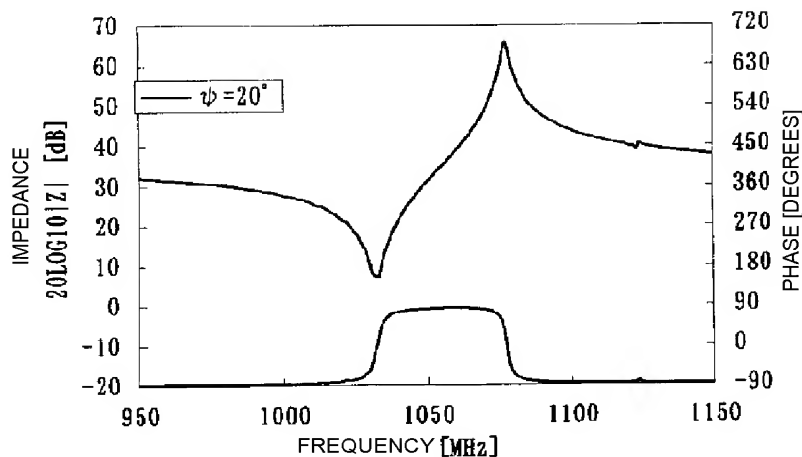
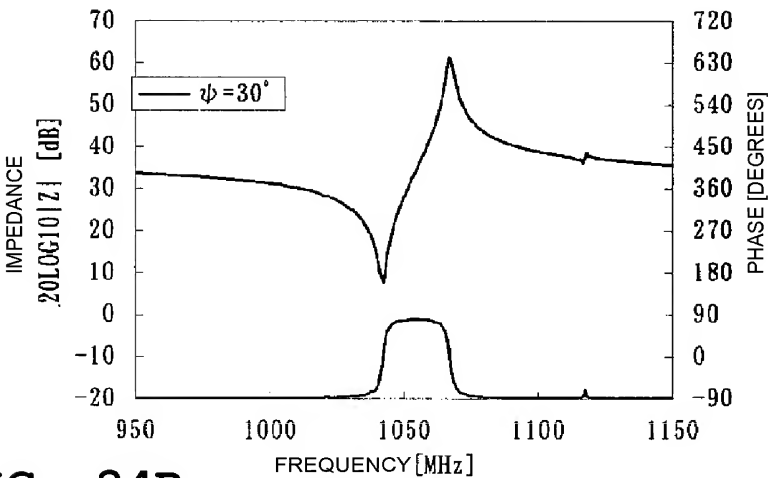


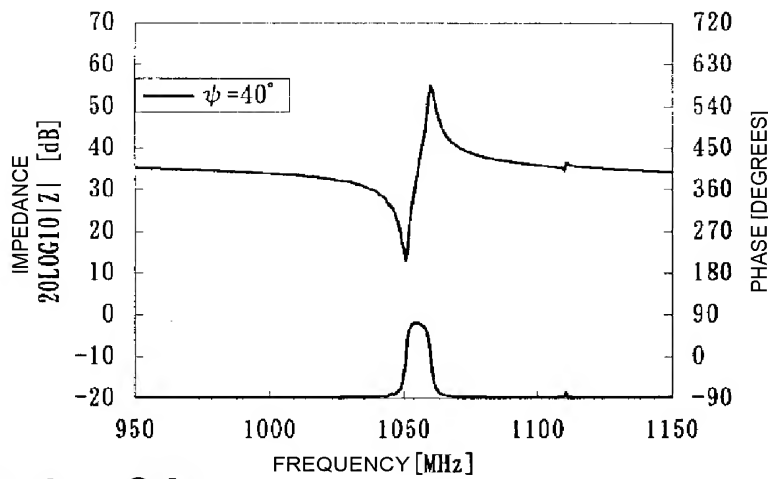
FIG. 23C



**FIG. 24A**



**FIG. 24B**



**FIG. 24C**

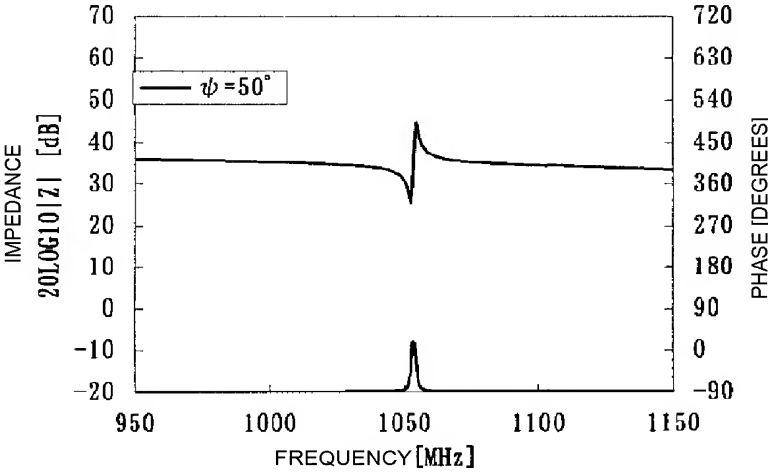


FIG. 25A

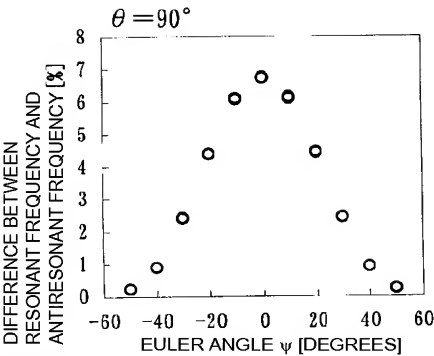


FIG. 25B

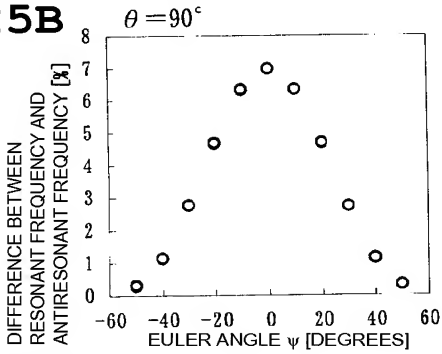
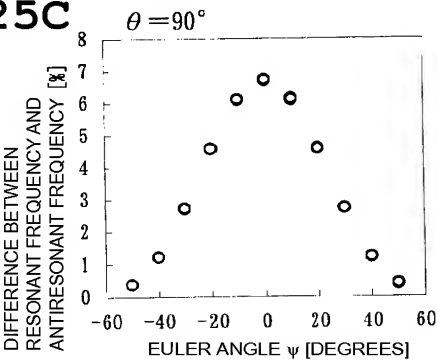
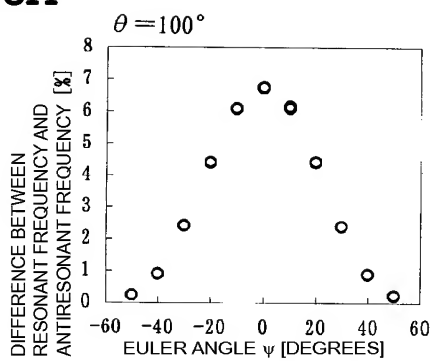


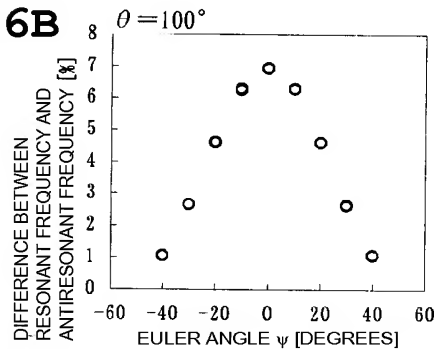
FIG. 25C



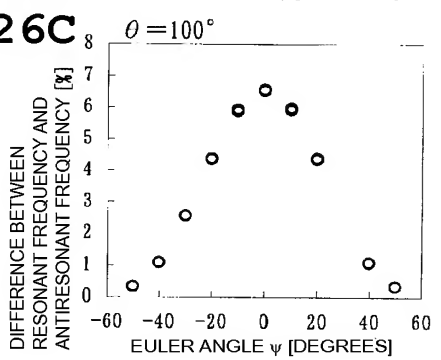
**FIG. 26A**



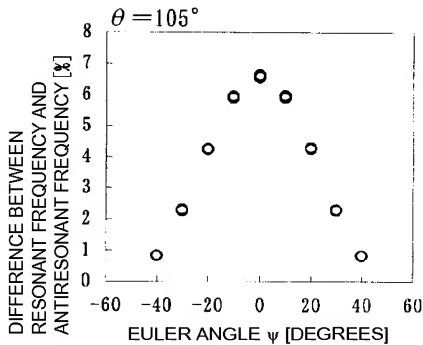
**FIG. 26B**



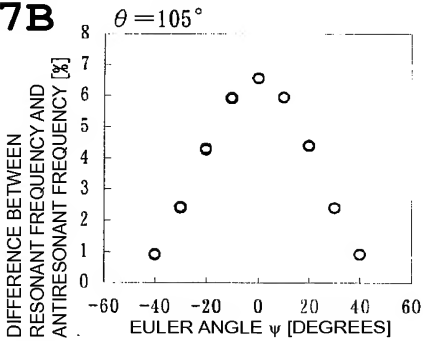
**FIG. 26C**



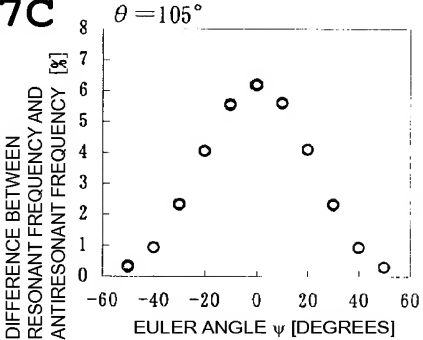
**FIG. 27A**



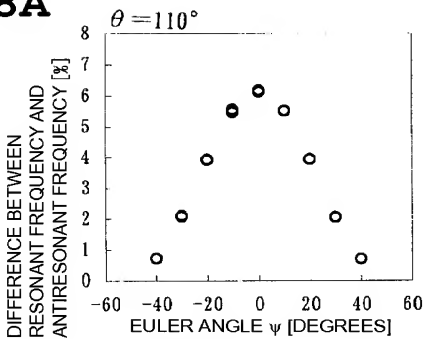
**FIG. 27B**



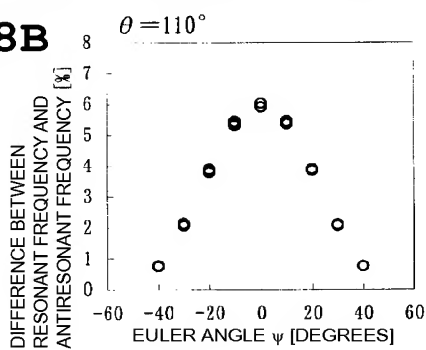
**FIG. 27C**



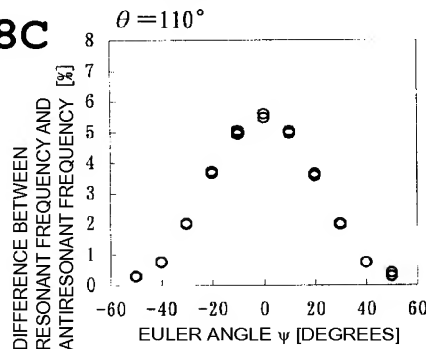
**FIG. 28A**



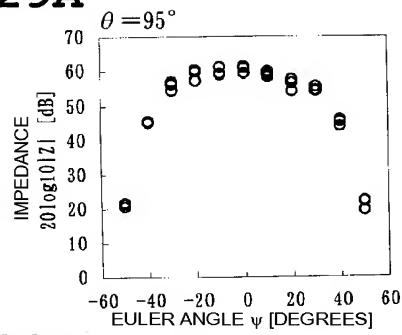
**FIG. 28B**



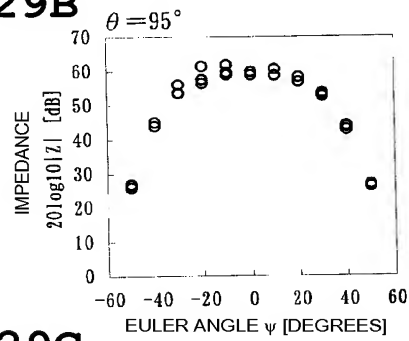
**FIG. 28C**



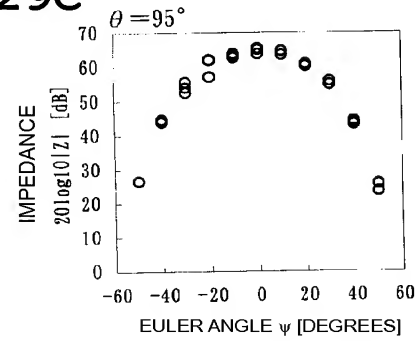
**FIG. 29A**



**FIG. 29B**

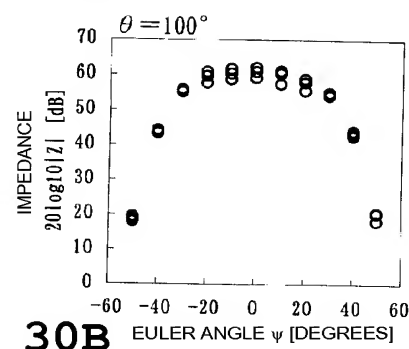


**FIG. 29C**

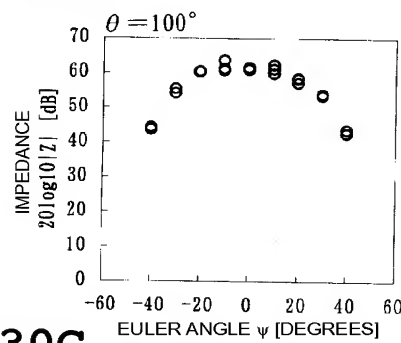




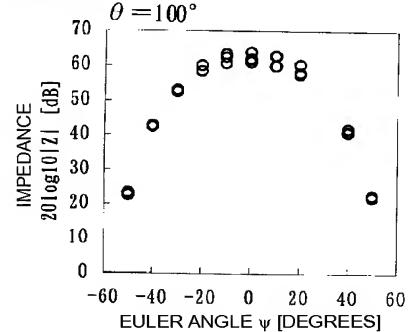
**FIG. 30A**



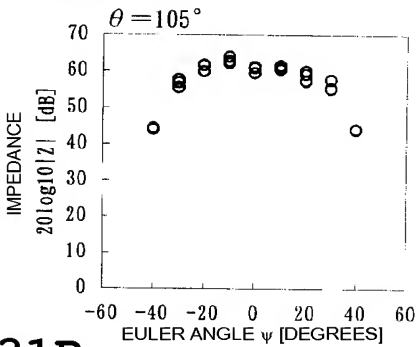
**FIG. 30B**



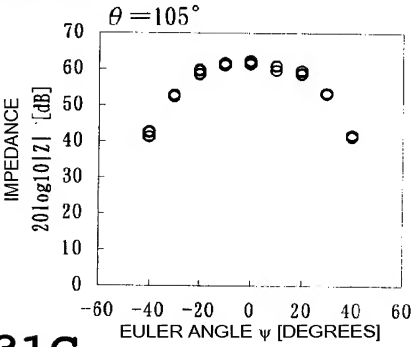
**FIG. 30C**



**FIG. 31A**



**FIG. 31B**



**FIG. 31C**

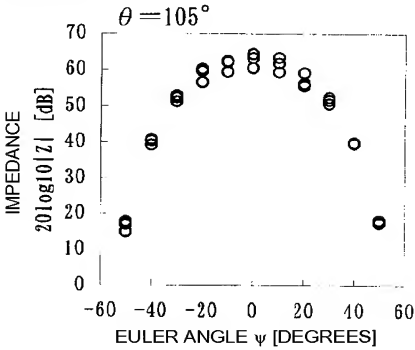


FIG. 32A

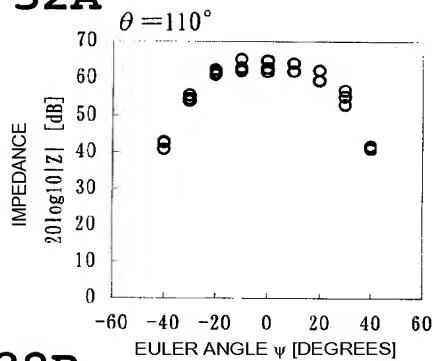


FIG. 32B

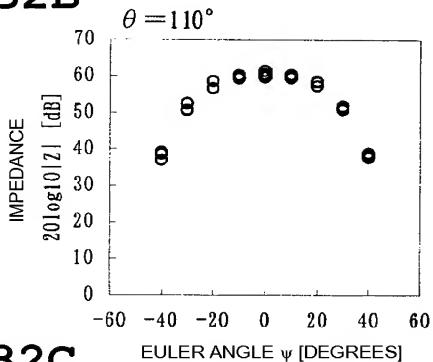


FIG. 32C

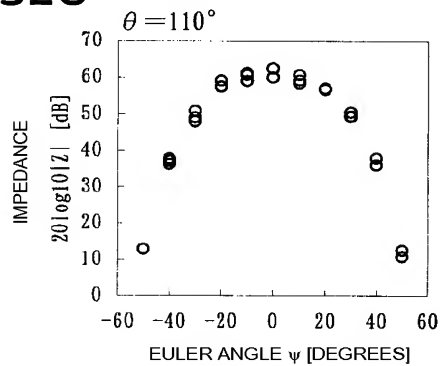
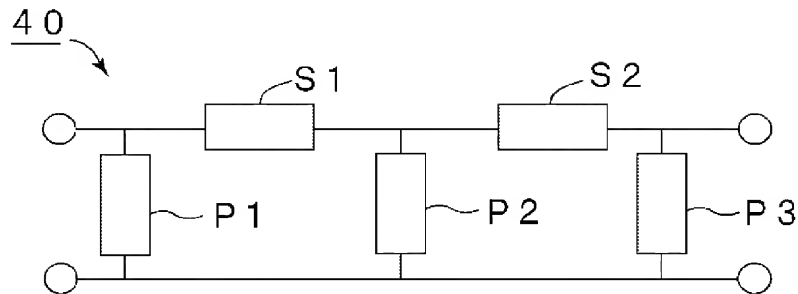
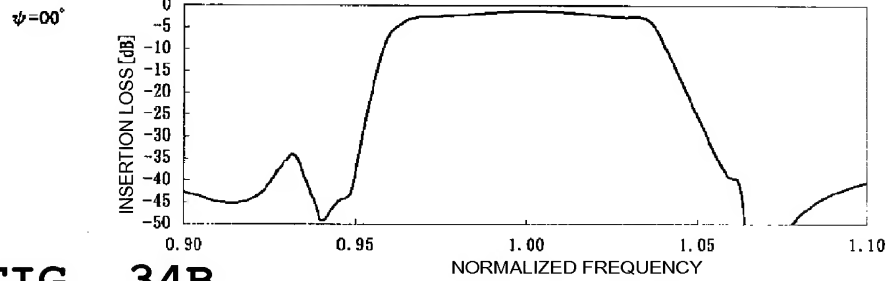


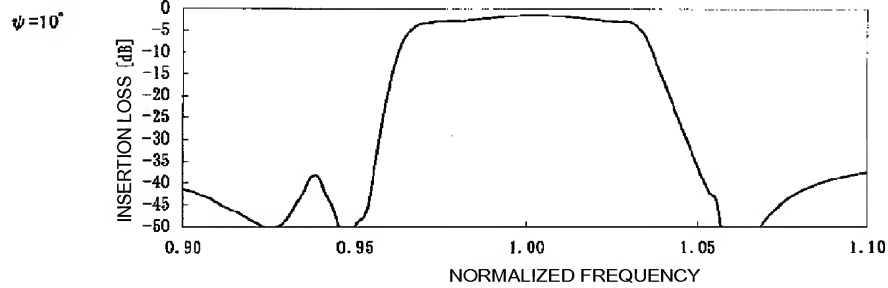
FIG. 33



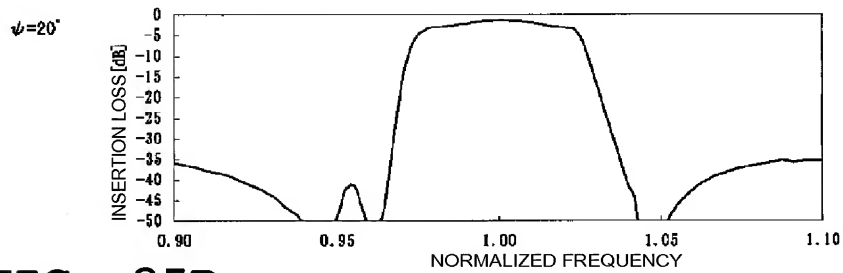
**FIG. 34A**



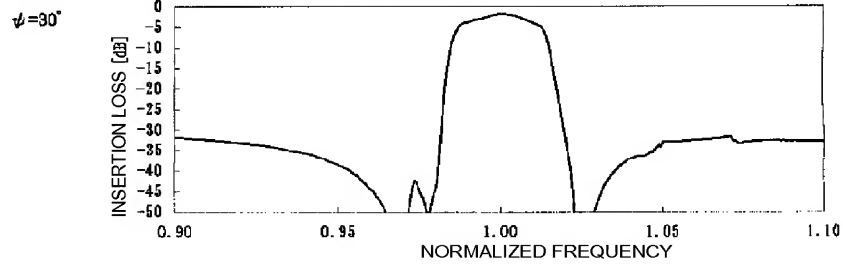
**FIG. 34B**



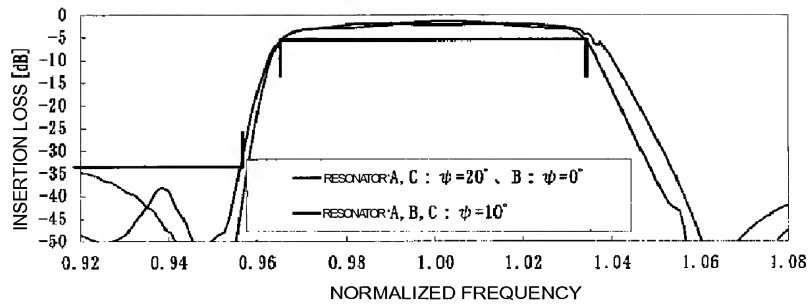
**FIG. 35A**



**FIG. 35B**



**FIG. 36**



**FIG. 37**

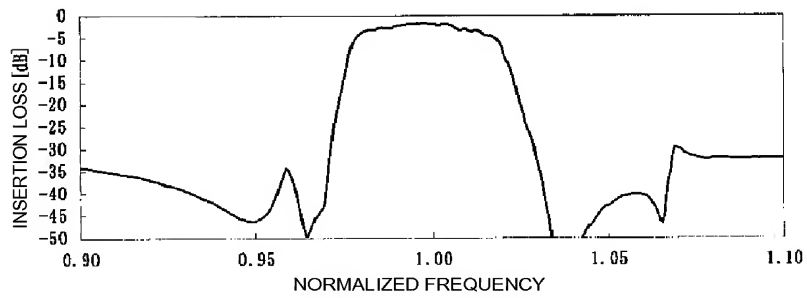


FIG. 38A

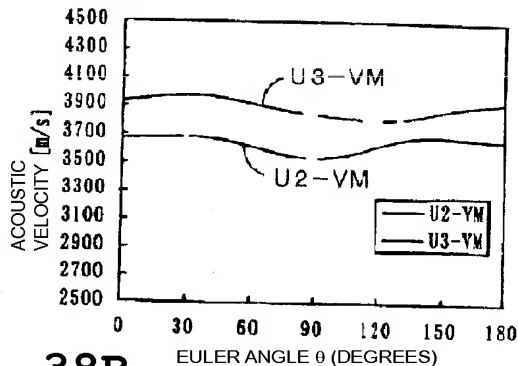


FIG. 38B

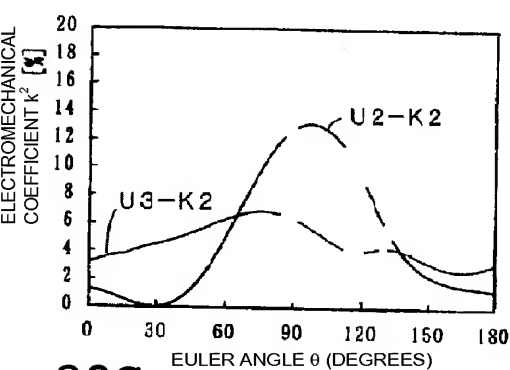


FIG. 38C

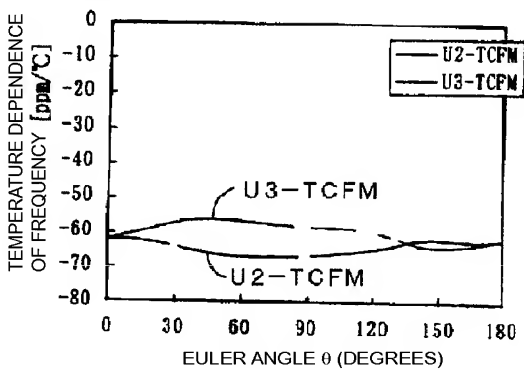


FIG. 39A

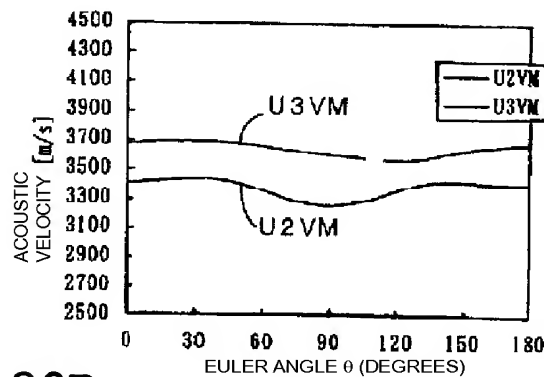


FIG. 39B

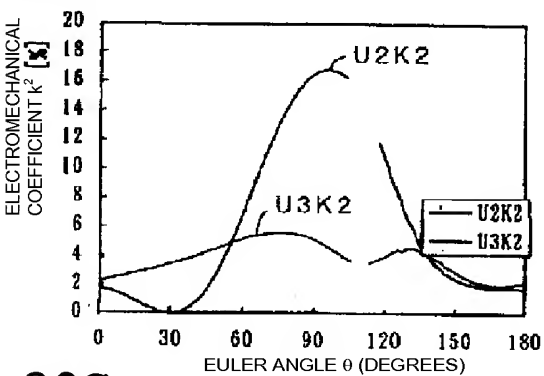
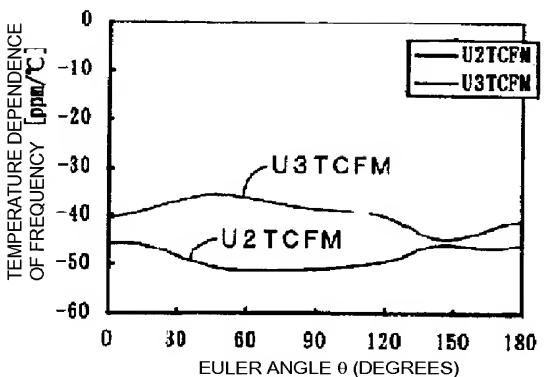
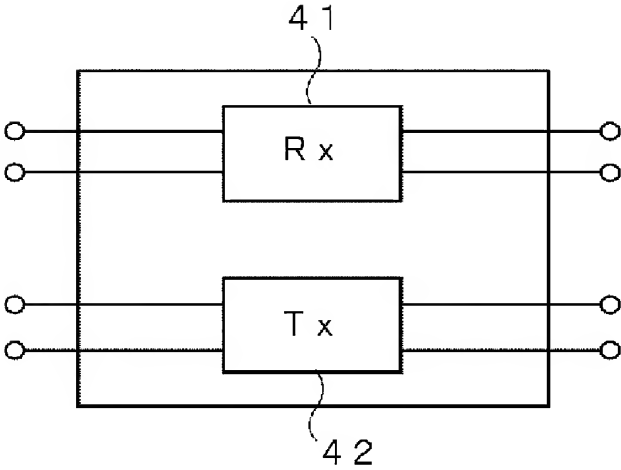


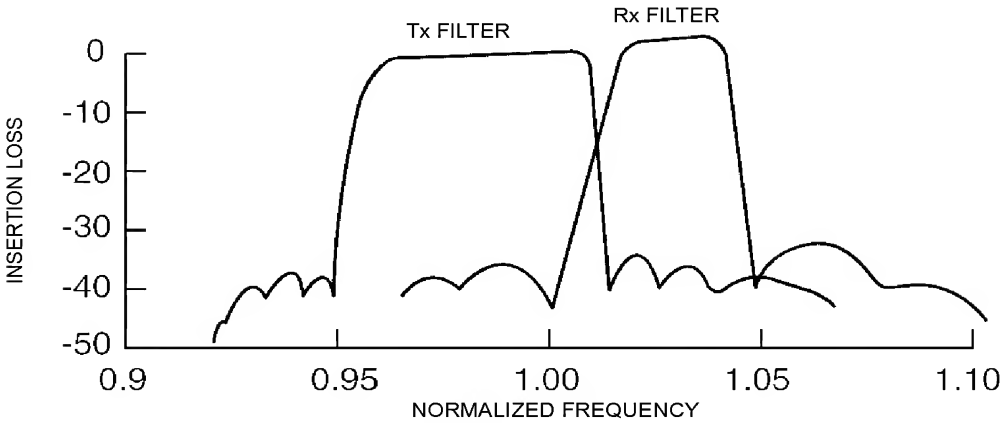
FIG. 39C



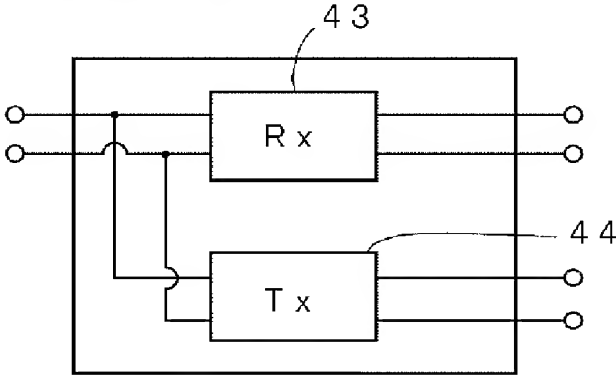
**FIG. 40**



**FIG. 41**

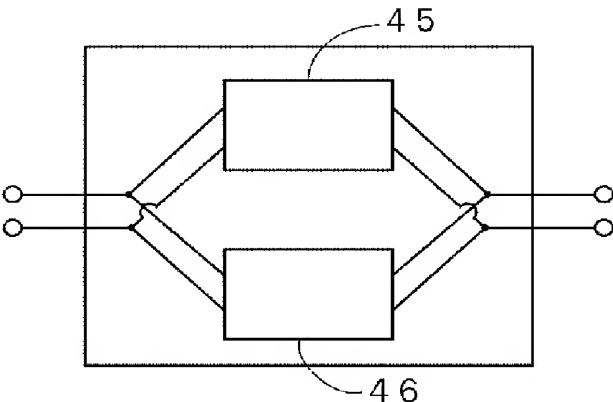


**FIG. 42**

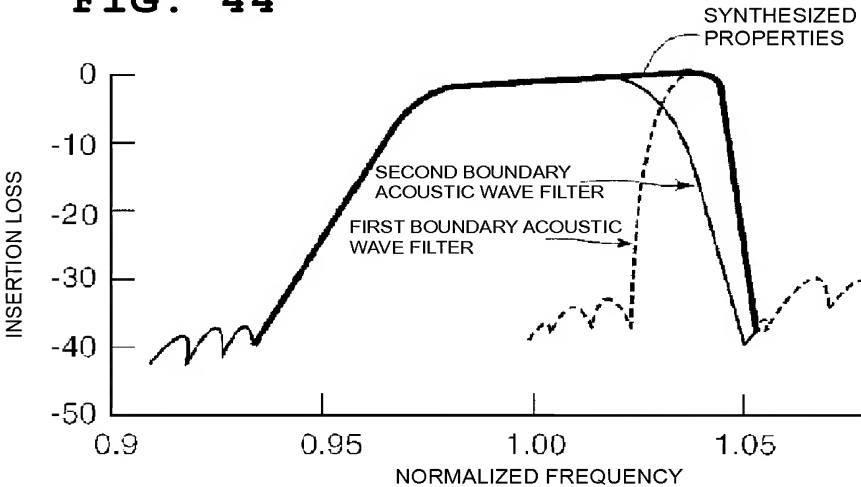




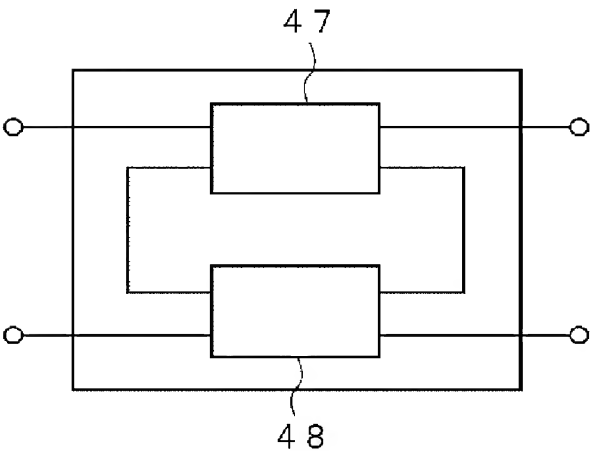
**FIG. 43**



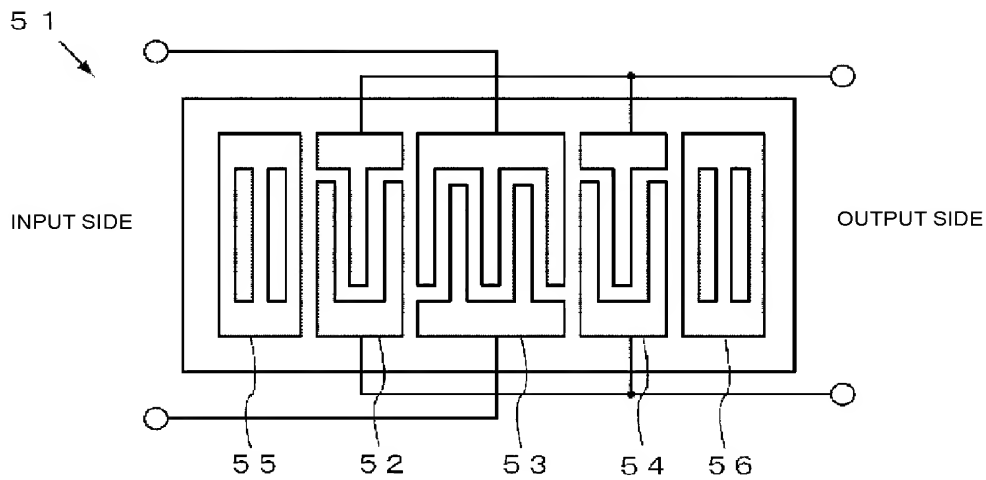
**FIG. 44**



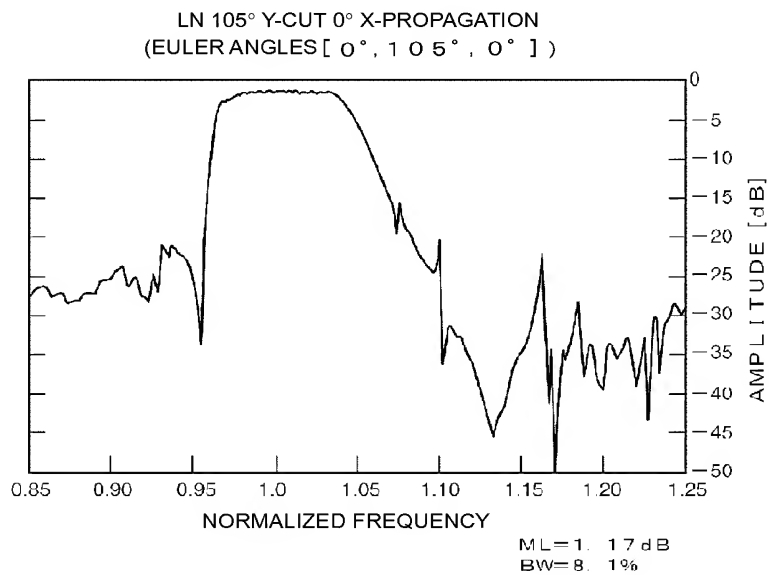
**FIG. 45**



**FIG. 46**



**FIG. 47**



**FIG. 48**

